

To: jacontreras (jacontreras@co.slo.ca.us)[jacontreras@co.slo.ca.us]
From: Vallano, Dena
Sent: Fri 9/16/2016 10:00:48 PM
Subject: Purple Air Sensor Info
[purpleair---field-evaluation.pdf](#)

Jaime,

As a follow-up to our EE call a couple weeks ago, I wanted to share the AQ-SPEC results for the Purple Air sensors in case you haven't seen them yet. They performed pretty well in the preliminary field evaluations. They had close to 100% data recovery and high correlations with a GRIMM ($R^2 > .9$) and BAM ($R^2 > .78$) for $PM_{2.5}$. I believe lab testing is currently underway exposing the sensors to a wider variety of environmental conditions, so those results will hopefully be available soon.

<http://www.aqmd.gov/aq-spec/product/purpleair>

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